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File: USPT

May 23, 2000

US-PAT-NO: 6067559

DOCUMENT-IDENTIFIER: US 6067559 A

TITLE: Server architecture for segregation of dynamic content generation applications into separate process spaces

DATE-ISSUED: May 23, 2000

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APPL-NO: 09/ 066742 [PALM]

DATE FILED: April 23, 1998

INT-CL: [07] G06 F 13/00

US-CL-ISSUED: 709/202, 709/107, 709/219, 709/223, 707/501

US-CL-CURRENT: 709/202, 709/107, 709/219, 709/223, 715/501.1

FIELD-OF-SEARCH: 709/100, 709/101, 709/102, 709/107, 709/202, 709/203, 709/217, 709/219, 709/223, 709/225, 709/226, 709/300, 709/302, 709/303, 709/304, 707/10, 707/100, 707/103, 707/104, 707/501

## PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

 Search Selected  Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>5421013</u>	May 1995	Smith	709/107
<input type="checkbox"/>	<u>5548726</u>	August 1996	Pettus	709/221
<input type="checkbox"/>	<u>5651006</u>	July 1997	Fujino et al.	370/408
<input type="checkbox"/>	<u>5701451</u>	December 1997	Rogers et al.	707/1
<input type="checkbox"/>	<u>5758343</u>	May 1998	Vigil et al.	707/10
<input type="checkbox"/>	<u>5894554</u>	April 1999	Lowery et al.	707/10

ART-UNIT: 278

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ABSTRACT:

A server architecture has a server program to receive client requests and multiple applications to process the requests. Each application comprises a collection of agents that can be invoked to process the requests and an application manager that manages the collection of agents. The agents within the associated collection are independent from, but dynamically accessible by, the application manager. Depending on the request, the application manager selects one or more agents to generate content to be returned to the client. An application manager director manages the application managers and facilitates delivery of the client requests from the server program to the suitable application. The application managers are independent from, but dynamically accessible by, the application manager director. For a given request, the director selects the appropriate application manager to handle the request. The application manager, in turn, selects the appropriate agent to process the request. The director can be implemented as part of the server program. The applications, including the agents and associated application managers, can be run either in-process or out-of-process with the server program.

30 Claims, 8 Drawing figures